

## EAST Search History

| Ref #    | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|----------|------|---|---|------------------|---------|------------------|
| L1       | 1    | ("6530655").PN.   | US-PGPUB;<br>USPAT  | OR               | OFF     | 2006/05/14 20:28 |
| L2       | 8170 | (clos\$4 adj loop) with heat\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/05/14 20:52 |
| L3       | 461  | 347/88  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/05/14 20:30 |
| L4       | 257  | 347/99  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/05/14 20:30 |
| L5       | 535  | 3 or 4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/05/14 20:30 |
| L6       | 3    | 5 and 2   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/05/14 20:30 |
| S19<br>9 | 7014 | (((hot adj melt\$4) or (phase adj chang\$4) or solid) adj ink) or (ink adj (stick or pellet)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/28 13:38 |
| S20<br>0 | 460  | 347/88  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/28 13:39 |

05/14/06 Update Search

## EAST Search History

|          |       |                                    |   |    |    |                  |
|----------|-------|------------------------------------|---|----|----|------------------|
| S20<br>1 | 256   | 347/99                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/28 13:38 |
| S20<br>2 | 534   | S200 or S201                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/28 13:39 |
| S20<br>3 | 7236  | S202 or S199                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/28 13:39 |
| S20<br>4 | 312   | S202 and S199                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/28 13:39 |
| S20<br>5 | 19240 | jam\$4 with (detect\$4 or sens\$4) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/28 13:40 |
| S20<br>6 | 5     | S202 and S205                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/28 13:41 |
| S20<br>7 | 9     | S199 same S205                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/28 13:41 |
| S20<br>8 | 6     | S207 not S206                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/28 13:42 |

## EAST Search History

|          |         |                             |   |    |    |                  |
|----------|---------|-----------------------------|---|----|----|------------------|
| S20<br>9 | 25013   | B41J002/175.ipc.            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/28 13:42 |
| S21<br>0 | 33      | S209 and S205               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/28 13:42 |
| S21<br>1 | 460     | 347/88                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/08 18:27 |
| S21<br>2 | 256     | 347/99                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/08 18:27 |
| S21<br>3 | 5319330 | melt\$4 or drip\$4 or plate | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/08 19:05 |
| S21<br>4 | 534     | S211 or S212                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/08 18:27 |
| S21<br>5 | 381     | S213 and S214               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/08 19:03 |
| S21<br>6 | 25196   | B41J002/175.ipc.            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/08 19:04 |

## EAST Search History

|          |        |                                 |   |    |    |                  |
|----------|--------|---------------------------------|---|----|----|------------------|
| S21<br>7 | 1757   | G01D011/00.ipc.                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/08 19:04 |
| S21<br>8 | 26867  | S216 or S217                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/08 19:04 |
| S21<br>9 | 4507   | S218 and S213                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/08 19:04 |
| S22<br>0 | 332169 | (melt\$4 or drip\$4) and plate  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/08 19:05 |
| S22<br>1 | 603    | S218 and S220                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/08 19:05 |
| S22<br>2 | 514    | S221 not S215                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/10 14:27 |
| S22<br>3 | 1909   | plate with bend\$4 with flow\$4 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/10 14:36 |
| S22<br>4 | 66121  | "347"/\$.ccls.                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/10 14:29 |

## EAST Search History

|          |      |   |   |    |    |                  |
|----------|------|---|---|----|----|------------------|
| S22<br>5 | 18   | S223 and S224   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/10 14:29 |
| S22<br>6 | 282  | plate with bend\$4 with flow\$4 with<br>(ink or fluid)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/10 15:12 |
| S22<br>7 | 270  | S226 not S225   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/10 14:41 |
| S22<br>8 | 96   | plate with bend\$4 with guid\$4 with<br>(ink or fluid)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/10 15:19 |
| S22<br>9 | 78   | S228 not S226   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/10 15:13 |
| S23<br>0 | 1812 | plate with angl\$4 with (flow\$4 or<br>guid\$4) with (ink or fluid) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/10 15:29 |
| S23<br>1 | 63   | S224 and S230   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/10 15:20 |
| S23<br>2 | 62   | S231 not S226   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/10 15:20 |

## EAST Search History

|          |       |  |   |    |    |                  |
|----------|-------|--|---|----|----|------------------|
| S23<br>3 | 62    | S232 not S228  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/10 15:20 |
| S23<br>4 | 30484 | plate same (bend\$4 or angl\$4) same<br>(flow\$4 or guid\$4) same (ink or fluid) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/10 15:30 |
| S23<br>5 | 672   | S224 and S234  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/10 15:30 |
| S23<br>6 | 660   | S235 not S226  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/10 15:30 |
| S23<br>7 | 649   | S236 not S228  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/10 15:31 |
| S23<br>8 | 587   | S237 not S231  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/10 15:32 |